

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON 7, ALBERTA

JANUARY 29, 1970

Post-secondary education until 1972

Last Thursday, January 21, the Department of Education of the provincial government issued its policy statement concerning post-secondary education until 1972. The text of the statement follows.

INTRODUCTION

On June 24, 1969 the Alberta government created a Commission on Educational Planning under the direction of WALTER H. WORTH, former Vice-President for Campus Planning and Development at The University of Alberta.

The Commission was authorized to launch a broad-scale inquiry into current social and economic trends within Alberta and their educational consequences for Albertans over the next two decades. It was asked to study the total educational system in Alberta and to set out ways in which this system will need to be modified in order to meet the educational needs of future generations.

The creation of the Worth Commission underlined the Alberta government's concern for preparing for the challenges of the future. One of the greatest of these challenges is the continuous reform of our post-secondary educational system to serve the needs of Albertans.

However, the Worth Commission will not deliver its report until 1972. There is therefore a strong need for a clear statement of interim government policy with respect to the administration of the post-secondary educational system between 1970 and 1972. Such a statement of policy is needed equally by educational administrators, students, and parents.

It is hoped that this statement of policy will constitute a clear and concise indication of the government's intentions in the post-secondary educational field for the next two years.

ROBERT C. CLARK
Minister of Education

THE POST-SECONDARY SYSTEM: GENERAL GUIDELINES

In reaching conclusions on the many perplexing and complex problems yet to be resolved in the post-secondary field, the government is guided by certain basic principles. Until 1972 these will constitute the foundation of government policy on the education of Albertans beyond high school:

(1) All Albertans who are capable of benefiting from undergraduate education in one or another of Alberta's universities should be provided with the opportunity to do so.

(2) While university research and graduate study are important, first priority in university effort should be placed on undergraduate instruction and professional instruction after the first degree.

(3) The government considers that all fees charged by the universities should be maintained at their present level.

(4) There is a need for an expanding provincial university system. At the same time, however, universities must accept increasing responsibility for accountability in costs and for the establishment of priorities in expenditures consistent with the social and economic needs of the province.

(5) Every attempt should be made to provide opportunities for Albertans seeking non-university post-secondary education in colleges and institutes of technology.

(6) Accordingly, there will be continued development of a college system providing comprehensive programs to meet the needs of students having a wide range of interests and talents.

(7) The government is equally dedicated to the continued expansion of such other important post-secondary institutions as the institutes of technology.

(8) The two-year comprehensive college with university transfer programs of that length constitutes a desirable terminal objective for the college system.

(9) The government supports the commission form of government as an effective structure for the co-ordination of post-secondary education.

(10) Decentralization of post-secondary

educational opportunity, wherever economically feasible, will continue to be supported.

(11) The government will continue to administer a comprehensive and flexible financial assistance program for students to ensure that those capable of benefiting from further education are able to do so.

(12) All post-secondary institutions are expected to seek new and alternative means of conducting their affairs so that the quality and efficiency of their educational efforts can continue to improve without a corresponding increase in costs.

UNIVERSITIES

The government has established, through the Universities Act of 1966, a university system for the province. Each of the three universities that currently make up the total membership of the system, The University of Alberta, The University of Calgary and The University of Lethbridge, has been granted wide powers under the Act to develop programs and to provide instruction consistent with the traditions of academic freedom enjoyed by Canadian universities. Since each university is part of the provincial system, however, it works within the limits imposed by this membership.

The Universities Act provided for the establishment of a Universities Commission consisting of a full time chairman and eight other persons drawn from the public at large to co-ordinate the efforts of the provincial university system.

Apart from student fees, which now support approximately 15 per cent of the total cost of current operation, the universities of the province draw their support almost exclusively from provincial revenues. Ultimately Alberta receives yearly grants from the Government of Canada, roughly equivalent to one-half of the operating expenses of all post-secondary institutions including universities; the Alberta government, however, must allocate during each fiscal year sufficient funds to support the universities. Further, it must provide, without any assistance other than from public subscription, all the funds necessary to meet the

universities' needs for buildings and equipment.

The government looks to the Universities Commission for advice on university finance. While reserving the right to decide the final amount to be allocated for the support of the university system—having in mind social priorities and the capacity of the provincial economy—the government is guided by the recommendations of the Commission. Further, once the total amount of university funds has been decided, the Commission has the responsibility for distributing these funds among the universities. The Commission is expected to improve its analytical processes still further and, among its other responsibilities, will co-ordinate the expansion of services within the system in order to prevent unnecessary duplication.

In effect, the Commission is expected, along with the Boards of Governors, to give voice to the public interest in the development of an outstanding provincial university system. At the same time, the government recognizes the dedication of the university staffs towards the achievement of excellence in their several institutions.

During these recent years of rapid university expansion, capital investment has been a major expenditure. During the five-year-period to end in 1972, the government has allocated \$185 million towards the provision of facilities and equipment on the three campuses. The government will announce before the termination of the current five-year-period a sum to be allocated during the succeeding five years for those facilities necessary to accommodate Alberta students seeking a university education. The broad guidelines for expansion on the three campuses are as follows:

THE UNIVERSITY OF ALBERTA

The maximum enrolment for The University of Alberta has been set at 25,000. This target will permit the most complete use of the land available to the University without unduly taxing public services. This enrolment ceiling will provide the University with the opportunity of exploiting to the full the economic and education advantages of large scale operation.

The government recognizes that, despite the attractiveness of small institutions, most of the great universities on this continent have enrolments exceeding 20,000. With such numbers, a balance can be struck between graduate and undergraduate education and between the general and professional faculties. Depersonalization does not follow automatically from size; and there are good reasons why the modern large university, with its many faculties offering a multitude of programs, has become typical in North America. Accordingly, the government expects The University of Alberta, in keeping with the guidelines outlined earlier, to determine the appropriate emphases among its various faculties. The government is confident that under the broad guidelines set by the Universities Commission, the University staff and its Board of Governors will develop programs in the best interests of the province.

THE UNIVERSITY OF CALGARY

The government is pleased with the rapid expansion of programs and enrolment at The University of Calgary. While at this time no limits in size need be struck, the government anticipates that enrolments in The University of Calgary will ultimately be comparable to those of The University of Alberta and that its many programs will either duplicate or complement those offered on the older campus. The province needs these two major centres of higher education with the rich and creative educational environment that the modern university can provide.

THE UNIVERSITY OF LETHBRIDGE

With the province having two universities of the "multiversity" type, the government considers that further additions to the university system should meet regional needs or reflect other unique purposes. The government expects The University of Lethbridge to meet the needs of an important region in the province and anticipates that the University will develop programs in keeping with this commitment.

THE FOURTH UNIVERSITY

An examination of enrolment projections in relationship to accommodation within the university system reveals two significant facts: The University of Alberta will reach its 25,000 limit by 1973, and although student places will still be available within the total system, the other universities must meet the demands of expanding enrolments from the regions which they now serve. While The University of Calgary is dedicated to serving the interests of Alberta students, of necessity it should first provide accommodation for students from the Calgary region.

Accordingly, the construction of a fourth university must be commenced immediately to be completed within three years.

The siting of the fourth university has been a matter of grave concern to government. Two differing views could influence a decision on the location of additional university service. A university might be located in an area of rapidly expanding population to meet the pressures of mounting enrolments or it could be sited in a region with less dense population to stimulate overall economic development which would eventually create additional enrolments. Each view has strong supporting arguments.

The government has chosen to follow the first view in locating the fourth campus of the provincial university system. It proposes to locate the fourth university in the Edmonton metropolitan region.

It does so for these reasons: The University of Alberta will be required to limit admissions by 1973 to keep within the 25,000 enrolment ceiling. At the same time, the demand for university facilities in the Edmonton region is increasing rather than diminishing. Population projections forecast a metropolitan community of over 600,000 within the next five to ten years, an increase equivalent to a city of 250,000 people. No other region in the province has, or will have, equivalent demands for university accommodation within the next decade.

Finding a location for the fourth university within the Edmonton region has received careful and objective study. The government had the choice of at least five attractive sites within suburban communities neighboring on Edmonton. It has chosen a site near the town of St. Albert north of Edmonton. The government arrived at this decision through the best available advice on such factors as the new university's accessibility to its major source of students and the availability of public services. It anticipated that more than seventy per cent of the university's enrolment will come from the Edmonton region.

FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON 7, ALBERTA

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The government proposes to appoint a Board of Governors for the fourth university early in 1970 with an immediate commitment to plan a campus for 5,000 students. While recognizing the importance of granting this board the widest degree of freedom in planning the new university in consultation with the Universities Commission, the government nonetheless will set certain guidelines for its development.

The government considers that this new member of the university system should reflect unique educational objectives. The university should limit its undergraduate programs to faculties in arts, science and education. At the graduate level, the province's fourth university should stress the humanities and the social sciences. With its major research efforts limited to disciplines in these fields, our fourth university should contribute uniquely to the cultural and social life of the province.

COLLEGES

A. COLLEGE ADMINISTRATION

In 1969, the province assented to Bill 70, which was proclaimed in its entirety on October 1, 1969 as an *Act Respecting a Provincial College System*.

Through this Act, the government accepted the commission form of administration as the most effective structure for the co-ordination of the college system. The primary functions of the newly appointed Colleges Commission are to provide leadership to the college system, to co-ordinate the activities of the members of the system and to act as intermediary between the system and the government, and between the college system and other systems.

In keeping with its commitment to a policy of local autonomy in the governance of the internal college affairs, the government will appoint a Board of Governors to administer each college. To provide for participatory decision making, each board will include one academic staff member and one student representative. Each board is empowered to establish policies with regard to the conduct of the affairs of the college.

B. COLLEGE FACILITIES

In attempting to provide educational facilities for all Albertans who wish to pursue their education beyond high school level outside of the universities, the government will continue to develop an expanding college system.

To this end, the province has embarked upon an expanding college campus construction program. Approval has already been given for a new campus at Medicine Hat. Plans are underway for the establishment of

a new college campus at Grande Prairie. Major extensions to the facilities in existence at Red Deer and Lethbridge have been approved.

The government proposes to establish a sixth college to be located in Edmonton which will accommodate approximately 5,000 students in its first phase of operation. To implement this new educational service as rapidly as possible, the government is giving thought to employing a number of temporary facilities, including the Northern Alberta Institute of Technology. While plans for the permanent Edmonton College are not yet complete, consideration is being given to locating it in a downtown site which should facilitate the greatest possible interaction between the college and the community.

By 1975, the Alberta government will have accommodation for approximately 14,000 students in the six public colleges in the province. Further study will be given to the creation of additional colleges in line with the government's commitment to decentralization of educational opportunity.

C. FUNCTIONS AND OBJECTIVES

The government views the public college in Alberta as a truly comprehensive two-year post-secondary institution providing training and education for students having a wide variety of interests, aptitudes, and types of intelligence. In keeping with this view, the government accepts the "open door" policy of admission. The typical entrance requirement will be a high school diploma, but adults will be accepted irrespective of their high school achievement.

In the Alberta college system, emphasis is placed on the student so that with proper guidance, counselling and instruction he will find programs suited to his and society's needs. The objectives of the colleges are, therefore, to broaden the scope of higher education in the province, to ease the problem of access to its benefits, to assist students who have dropped out of school toward further education, and to serve in some areas as community centres for cultural activities. This means that colleges will provide, in addition to university transfer programs, technical and vocational programs, academic upgrading for those who seek entry to more advanced programs, education beyond the high school level and continuing education for interested adults.

D. COLLEGE FINANCING

Since the Government has elected to support the college system from the general revenues of the province, it is committed to providing sufficient operating and capital funds for the colleges in the six locations referred to above.

Projected capital costs for the next three year period will be in the neighborhood of \$42 million for the entire system.

These expenditures will provide the people of Alberta with six truly comprehensive two-year public colleges located in Edmonton, Calgary, Medicine Hat, Lethbridge, Grande Prairie, and Red Deer.

TECHNOLOGICAL EDUCATION

The government will continue to provide adequate programs of technical and vocational training designed to serve the needs of Albertans and of industry and business in the province. Most of these programs are offered in institutions operated directly by the Department of Education, and the government proposes to increase materially the type and extent of these programs by increasing accommodation in these institutions.

A. INSTITUTES OF TECHNOLOGY

The Northern Alberta Institute of Technology in Edmonton and the Southern Alberta Institute of Technology in Calgary, make major contributions to the government's total program of technical and vocational education. Between now and 1972, these institutions will continue to be characterized by their polytechnical nature in that they offer a variety of programs at the semi-skilled, skilled and semi-professional levels in a wide range of occupations including engineering, business administration, social sciences and health services.

Master plans for the two campuses are being developed which will permit the institutions to serve more than 5,000 day students each by 1973-74.

The planning for these facilities includes ancillary facilities. Considerable time will be required to complete all developments proposed by the master plans but accommodation will be increased significantly during the next three years.

During this time, the government expects to complete at the Southern Alberta Institute of Technology, phase one of a technical and trades building, a new Alberta College of Art, some parking, and a number of renovations to its existing facilities.

Expansion at the Northern Alberta Institute of Technology over the next three years will depend to some extent upon the acquisition of additional land and a satisfactory solution of traffic patterns in the area of the campus. The precise plan which will govern the expansion of NAIT is still being studied, and several alternatives are being examined.

The Department of Education provides training programs under the Provincial

Apprenticeship Training program and the largest part of this training has been provided in our two institutes of technology. The need for this training continues to grow, and projections show an increase of approximately 1,000 apprentices over the next three-year period. To provide for these in the interim period until physical facilities at the two institutes are completed, steps will be taken to provide both NAIT and SAIT with additional shop facilities off campus.

B. VOCATIONAL TRAINING CENTRES

The province's vocational training centres offer programs designed to meet the needs of adults requiring pre-vocational and occupational preparation, especially in the areas of service and semi-skilled occupations.

A new Alberta Vocational Centre in Edmonton is currently under construction and expected to be completed by January, 1971. This institution now offers programs in three different locations in Edmonton and it is intended that all these will be housed in the new building.

In addition, space will be provided for the existing Alberta Vocational Commercial Centre and the Provincial Nursing Aide program as well as the X-Ray Laboratory program administered by the Department of Health.

When fully completed, this centre will have accommodation for nine-hundred day students in a variety of programs.

The government also proposes to provide a new building for the Alberta Vocational Centre in Calgary. The program offerings will be similar to those for the centre in Edmonton. Because of design problems associated with the urban renewal scheme, this centre is not expected to be completed until August, 1971 at the earliest.

The government will continue to operate the recently expanded Alberta Vocational Centre at Fort McMurray. The expansion of this institution will depend upon industrial growth in the northern half of the province and the results of ongoing study.

Additional facilities are being provided for the Alberta Petroleum Industry Training Centre in Edmonton. These facilities will permit the government to expand pre-employment and upgrading programs offered at this unique institution over the next three years.

C. OTHER PROGRAMS

The government proposes, in co-operation with the federal Department of Manpower and Immigration, to arrange for increased training to meet the purposes of Canada Manpower not only in the institutions described

above but also through expanded training programs offered directly in industry.

AGRICULTURAL AND VOCATIONAL COLLEGES

While the Agricultural and Vocational Colleges are directly administered by the Department of Agriculture, the government views them as a part of the system of post-secondary institutions serving the province. In keeping with this view their development

is being co-ordinated with development of other types of post-secondary institutions.

These colleges have provided service for many years and have played a vital role when the majority of the population resided on farms. As the urbanization trend has developed and the needs of the farm population have changed, the Agricultural and Vocational Colleges have developed programs to satisfy these new needs in related management and technical skills. In this regard further study is underway to determine the functions to be served in the future.

CUSO: A job for the concerned

For the college student of the 60's and 70's, the world has ceased to be the closed province of North America and Western Europe. In the short space of these two decades, the hunger, economic and technological deprivation, and sub-standard living conditions that are common across the tracks and across the sea have caused serious concern to many students. The realization has perhaps been slow, but as the Industrial Revolution races on and the world shrinks, the educated and the affluent and the young are trying to fill the gap that has halted the development of so many countries.

For the majority of the concerned the solution is singular and obvious: it rests in the hands of the developed and the developing nations, and takes the form of international co-operation.

Who are the concerned?

To date, close to one hundred Canadian organizations are sending recruits to nearly every country in the world. One among them is Canadian Universities Service Overseas—CUSO.

In 1961 Canadian Overseas Volunteers was formed as a result of a graduate student's preliminary investigations the previous year in Southeast Asia. Keith Spicer, an alumnus of the University of Toronto, made it possible for the first group of fifteen to leave on assignments in India, Ceylon, and Sarawak in August, 1961. In 1962, another group of sixteen left for service in the same area.

These, along with a number of other groups founded about the same time, were the beginnings. All of them had the same objective purpose in mind: to fill the "middle-level manpower" breach that existed in the technically starved areas of the world.

So obvious a need justified the parallel organization of these several groups, and in late 1962 they combined under the general heading of CUSO. The awareness of others' problems, and the wish to alleviate them, has found expression in the almost spontaneous growth of a substantial non-profit organization. In 1962, however, CUSO's success could not have been predicted. Its volunteer corps has increased steadily; today there are about 1,100 serving in 40 countries.

The governing body for the 87 local CUSO Committees in Canada is in Ottawa. There, a central committee reviews, analyses and either accepts or rejects the hundreds of applications submitted by the local committees each year. These local selection teams are the meat of the CUSO movement. Well-informed interviewers, oriented to the needs of those CUSO serves (often by overseas experience themselves) review the candidate's experience and qualifications, and as well try to discover his motivation for volunteering. And there are as many reasons as there are applications.

Of all volunteers sent overseas since 1962, some 350 have been recruited from this University. The six-member committee here is made up of Major R. C. W. HOOPER, Dean of Men and present chairman; Miss ISOBEL MUNROE, Dean of Women; a faculty member from the applicant's particular department; and from one to three returned volunteers.

The success of Alberta's local committee in recruiting volunteers is not accidental. Major Hooper, who has been involved with the organization from its beginning, believes that CUSO must not only provide assistance where needed but also provide understanding of international relationships for those



Among The University of Alberta graduates to volunteer for work with CUSO is ELIZABETH DUGGER, who has just recently completed her two-year teaching assignment in Burundi. She is shown here with students in her art class.

who will participate. His interviewing procedure is designed to reach the objectives CUSO has laid out for itself. Applicants leave his office knowing exactly what they are getting into. He tries to give them not an all-consuming fire to revolutionize, but rather the idea that they must help to modernize and industrialize by working 100 per cent with the country concerned. The volunteer's project becomes his own education.

Major Hooper's colleague, Miss Munroe, offers a two-fold view of what CUSO should be.

"It should provide a channel for some countries that have greater resources to share them through individuals and, as well, an inter-cultural relationship."

Her continual contact with returned volunteers and applicants convinces her that CUSO's program has achieved these objectives and is indeed helping to supply the manpower shortage at the proper level. She came to The University of Alberta a year and a half ago after a career in social work. Her work with

people and their problems has provided a good background for helping to choose Canada's agents to the underdeveloped world.

The other 98 per cent of CUSO, of course, is the volunteers. Two of them who served overseas have returned to The University of Alberta, where they assist with the 'land-based' aspects of CUSO.

DAVID GUE, a physics graduate from Alberta calls it "crossing the threshold of observation." He spent two years in Sierra Leone and well knows how important a role CUSO is performing. Most of his time was spent teaching basics, while students in this country accept the space age as an everyday occurrence. He is now Foreign Student Adviser in Major Hooper's office.

MARTHA MUNZ, who trained as a Home Economics teacher, recently returned from two years service in Zambia. Miss Munz is now Assistant Dean of Women in Residence, in Lister Hall.

SUB EXPANSION

On Friday, January 23, the students voted in a referendum in favor of an expansion of the Students' Union Building. This will mean a \$3 fee increase, which will finance an expansion containing a community service area, pub, auditorium, lounge space, and meeting space. The proposed expansion would extend across 89 Avenue, linking SUB with the Physical Education complex.

The present Students' Union Building, opened in 1967, was designed to accommodate an enrolment of 18,000 but by 1974, 25,000 or more full-time students will be on campus. The schematic design proposed by H. J. RICHARDS, SUB's original architect, gives the impression that the addition was a part of the original blueprints.

The estimated cost for the proposed expansion is \$2,750,000. If the University Board of Governors approves commercial services on campus and if a change in provincial legislation allows a pub on campus, a fee increase of only \$3 will be sufficient. If the entire sum necessary for the expansion were repaid over 30 years at 8½ per cent, the annual payment would be \$256,000.

NEW STUDENTS' UNION MANAGER APPOINTED

WALTER L. EWASUK has been appointed as the new General Manager of the Students' Union.

Mr. Ewasuk will assume his new duties with the Union as of March 1, 1970. He came to the Union in May, 1969 as accountant. Previous to that appointment Mr. Ewasuk was an Administrative Officer with the Workmen's Compensation Board, and before that with Touche, Ross, Bailey and Smart, chartered accountants. Prior to his articles Mr. Ewasuk was employed by the City of Edmonton Recreation Department on the administrative staff.

Mr. Ewasuk was born and educated in the Edmonton area.

BOOKS

The Merry Devil of Edmonton, a poetry broadsheet edited by DOUGLAS BARBOUR and STEPHEN SCOBIE, Assistant Professors of English, contains in its second issue poems by Earle Birney, Margaret Atwood, Guy Robert and others, written during the Poet and Critic '69 Conference held at the University last November. The broadsheet is available at the Bookstore, Hurtig's, and the Department of English, price 25 cents.

PEOPLE

■ The Science Council of Canada held a seminar in Ottawa on January 12 to hear the views of the universities of western Canada on the subject of "Basic Research and National Goals." Representing The University of Alberta were W. A. G. GRAHAM, Professor of Chemistry, G. S. H. LOCK, Associate Professor of Mechanical Engineering, and M. WATANABE, Associate Professor of Medicine.

■ Several members of the Department of Surgery have had abstracts accepted for presentation at the thirty-eighth annual meeting of the Royal College of Physicians and Surgeons of Canada held in Montreal, January 22 to 24. They include C. M. COUVES, Associate Professor of Surgery, W. H. LAKEY, Associate Professor of Surgery,

R. A. MACBETH, Professor and Chairman of Surgery, H. T. G. WILLIAMS, Assistant Clinical Professor of Surgery, W. W. YAKIMETS, Assistant Professor of Surgery and Director of the Division of Continuing Medical Education, A. HOBART, Teaching Fellow in the Department of Surgery, M. O. AKPATA, R. L. FISK, S. S. NAKAI, and D. E. JAMES, graduate students in the department, and G. R. BOEHME, J. D. LEONARD, S. F. MAN, D. L. MODRY and D. REVITT, undergraduate medical students who have contributed to the studies in their capacity as summer research fellows. T. R. OVERTON, Associate Professor of Biomedical Engineering, and P. G. HESLIP, radiologist at the W. W. Cross Cancer Institute, collaborated in the papers.

■ CYRIL M. KAY, Professor of Biochemistry, is one of 112 scientists honored recently by election as Fellows of the New York Academy of Sciences.

■ KAROL KROTKI, Professor of Sociology, attended a conference at the University of North Carolina to consult on the creation of a world-wide system of demographic investigations conducted through population laboratories. The activity is under the direction of FORREST LINDER, Professor of Biostatistics at the University of North Carolina. Professor Linder is known for the creation of the National Center for Health Statistics in Washington, D.C. Professor Krotki also has been appointed to the Organizing Committee for a national conference on the creation of a social sciences research centre with an information and data bank. This Committee is under the patronage of the Social Sciences Research Council. The chairman of the Committee is Vice-principal MICHAEL OLIVER of McGill University.

■ GURBACHAN PAUL, Lecturer in Sociology, has returned from Oregon University to teach during the second term in the Department.

■ MADELEINE J. MONOD, Associate Professor

of Secondary Education, was granted the Doctorat de troisième cycle by the University of Strasbourg, France on January 7, 1970.

■ J. R. NURSALL, Professor of Zoology, has been elected a member of the Board of Trustees of Biological Abstracts, for a three-year term, beginning January 1, 1970.

■ L. E. GADS, Associate Dean of Engineering, returned at the beginning of term after a three months leave of absence.

Professor Gads spent the last three weeks of his leave travelling in the Soviet Union. He visited the republics of Uzbekistan, Tadzhikistan, and Turkmenistan in Soviet Central Asia. His itinerary included Moscow, Tashkent, Urgench, Khiva, Bihara, Samarkand, Dushanbe and Ashkabad. He has taken a great number of photographs and would be happy to discuss his trip with staff members and students who have visited these places or are planning a similar trip in the future.

■ Four papers were presented by members of the Department of Medicine at the annual meeting of the Northwest Society for Clinical Research held in Seattle January 3. The contributors were: W. G. FRIESEN, Assistant Professor; S. RAO, Assistant Clinical Professor; B. J. SPROULE, Associate Professor; R. W. SHERBANIUK, Assistant Clinical Professor; PATRICIA LYNNE-DAVIES, Assistant Clinical Professor; B. K. MOOKERJEE, Assistant Professor; J. B. DOSSETOR, Professor of Medicine. Dr. Sherbaniuk was President of the Northwest Society during the past year. Program Chairman for the January 3 meeting was J. A. L. GILBERT, Professor of Medicine.

■ REYNOLD SIEMENS, Assistant Professor of English, performed in a concert at the University of Waterloo on January 3. Dr. Siemens, who is a cellist as well as a Professor of English, was joined by GERARD KANTARJIAN, concert-master of the Toronto Symphony Orchestra, and GEORGE BROUGH, of the University of Toronto Faculty of Music, in a performance of major trios by Mozart, Beethoven and Brahms.

■ JOHN ORRELL, Associate Professor of English, has recorded a series of five half-hour television lectures on Shakespeare's comedies, to be broadcast on the CTV network on Thursday mornings in February at 7:00 on "University of the Air." He has also recently scripted a CBC network documentary about a student at The University of Alberta in the series, "Five Years in the Life."

■ EDWIN TURNER, Sessional Lecturer in the Department of English, won first prize in the one-act play competition conducted by the Cultural Development Branch of the Government of Alberta in 1969. His play,

"Old Man Aesop He Knew the Game," will be produced by the Vancouver Little Theatre, February 19, 20, 21, 26, 27, and 28.

Mr. Turner also has been commissioned by the CBC network to write an episode in their upcoming series of one-hour dramas, "The Manipulators."

■ R. T. BERG, Professor of Animal Genetics in the Department of Animal Science, was feature speaker at Southwestern Ontario's Farmers' Week, held at Ridgetown College of Agricultural Technology on January 14.

VISITORS

■ Canada's role in East African development, especially agricultural modernization in Tanzania, was discussed by two consultants for Canadian University Service Overseas who have just returned from a world tour.

JIM WARD and ANDREW HAMILTON were on campus Thursday, January 22, and participated both in an afternoon seminar and in a Teach-in on East Africa. They will remain in Edmonton until Saturday, January 24.

■ MARION J. LEVY, Jr., of the Woodrow Wilson School of Public and International Affairs, Princeton University, was a recent visitor to the Department of Sociology. Professor Levy presented seminars on social sciences and social theory.

■ ROBERT YEMM, Lecturer at the School of Dentistry, Faculty of Medicine, University of Bristol, addressed students and staff of the Faculty of Dentistry on January 10. Dr. Yemm is a Nuffield Fellow who has done original research and published several papers concerning muscle activity of the masticatory apparatus and emotional stress.

■ AL GAYNOR, Assistant Director of The University Council for Educational Administration, Ohio, visited the Department of Educational Administration on January 19 and 20. He discussed goals and projects of UCEA and problems of administration in urban centres. JAMES G. MARCH, Professor of Social Sciences at the University of California, Irvine, visited the Department of Educational Administration January 21 and 22. Dr. March spoke on the topic "Problems of Governance in Higher Education."

■ A. A. FEDOSEEV, Philosophy Faculty, Leningrad University, visited the University from January 18 to 20, under the sponsorship of the Arts Faculty Inter-Departmental Committee on Soviet and East European Studies. During his stay he gave a lecture on "The Study of Politics in the Soviet Union," spoke informally with members of the inter-departmental seminar on revolutions, and exchanged views on study in the social sciences with members of various departments.



REPRINTS AVAILABLE . . . 'STAFF INSTRUCTIONS, SYDNEY TOWN, 1852'

In the December 18, 1969 issue of FOLIO, we presented a useful guide to running an office entitled "Staff Instructions to Employees of the Merchants' & Ships' Chandlers of Sydney Town, Australia, 1852."

This occasioned so much response that the rules have been reprinted, in two colors and on stock suitable for framing. Prints are available in the University Bookstore, for 15 cents.

NOTICES

TRAFFIC DIVERSION

The Campus Development Office announces that 114 Street between 83 and 87 Avenues is now closed and will remain closed for five months. Traffic will be maintained through parking zone "Y," the Jubilee Auditorium parking lot.

DEPARTMENT OF EXTENSION

The Department of Political Science and the Community Resources Development Division of the Department of Extension will offer a course entitled 'The Political Process and Community Development' beginning on February 9.

A conference on agricultural policy issues, sponsored by the Department in conjunction with provincial farmers' organizations, will be held at the Banff Centre for Continuing Education from February 15 to 20.

A series of eight lunch-hour films on "Man and the City" will begin on Friday, February 6 in the Music Room of the Centennial Library.

The Department is arranging a second professional course on mortgage-equity capitalization, in co-operation with the Appraisal Institute of Canada. The course will be given from March 14 to 25 at the Banff Centre for Continuing Education.

The Department of Extension, together with the Division of Continuing Education at The University of Calgary, will sponsor a workshop on Small Group Leadership, to be held at the Banff Centre for Continuing Education from March 15 to 20.

A seminar designed for those interested in work systems will be held from February 18 to 20 in Corbett Hall, sponsored by the

Department of Extension. The seminar leader will be the Vice-President of Ideal Systems, Incorporated, a company established to encourage the use of the IDEALS (Ideal Design of Effective and Logical Systems) concept.

A Seminar on Critical Path Methods will be held in Edmonton from March 23 to 25. The course, sponsored by the Department of Extension, will provide a rigorous approach to project management.

Information about the above may be obtained from the Department of Extension.

GROUP FLIGHT TO INDIA

The Hindu Society has reserved 80 seats on a flight to India this summer. The group will leave Edmonton on July 4 and reach India (Bombay/Delhi) on July 5, travelling via Montreal and Paris. The return flight leaves on August 28. Further details may be obtained from RAM K. GUPTA, Hindu Society, Post Box AS 363.

INTERNATIONAL DEVELOPMENT

The Canadian University Service Overseas is planning to publish a semi-annual listing of events taking place in Canada concerned with international development and social issues, to be entitled "What's on in Canada: International Calendar." The publication will list major events (conferences, seminars, speeches, senate hearings, parliamentary debates, marches, university and continuing education courses, etc.) across the country and will include dates, city, and contact person.

The publication date for the first issue, to cover the period from March 15 to September 15, is March 1. Any information which could be included in this publication should be forwarded to MAJOR R. C. W. HOOPER, Chairman of the Local CUSO Committee, Room 202, University Hall.

QUESTION ANSWER

A new department will appear in FOLIO in future issues. "Question/Answer" is intended to permit FOLIO's readers to ask questions which they feel are of wide interest.

In particular, administrative procedures and policies not thoroughly understood may be aired and explained through this medium.

Readers are invited to send to the Editor questions of general interest. The question will be referred to an appropriate University officer for reply. The question and reply then will be printed together, over the signatures of their authors.

The Editor will return to their authors questions too long or too complicated to be handled in a column of this sort, with the request that they be simplified.

POSITIONS VACANT

Applicants are sought for the following positions. The Personnel Office (Room 121, Administration Building) will provide further details to interested persons, who are asked not to approach the departments directly.

Biology Technologist III (\$677-\$823)—Genetics
Biology Technologist I (\$505-\$614)—Genetics
Biology Technician I (\$437-\$531)—Genetics
Bacteriology Technologist I (\$437-\$531)—Provincial Laboratory
Laboratory Assistant I (\$255-\$310)—Physics; Bacteriology
Applications Assistant (\$531-\$645) Institutional Research and Planning
Programmer II (\$585-\$711)—Civil Engineering; Systems Planning and Development
Programmer I (\$458-\$557)—Systems Planning and Development
Draftsman I (\$377-\$458)—Purchasing
Draftsman II (\$437-\$531)—Purchasing
Technical Assistant—Electrical (\$377-\$458)—Physical Plant
Television Producer-Director (salary open)—Radio and Television
Broadcast Technician (salary open)—Radio and Television
Clerk-Typist I (\$243-\$295)—Comptroller's Office; Personnel; Mathematics
Clerk-Typist II (\$281-\$342)—Comptroller's Office (two positions); Faculty of Science; Plant Science; Administrative Data Processing; Physical Plant; Killam Earth Sciences; Sociology; Alumni Association; Student Awards; Faculty of Arts
Clerk-Steno I (\$255-\$310)—Food Science
Clerk-Steno II (\$295-\$359)—Obstetrics and Gynaecology; Drama; Psychiatry
Clerk-Typist III (\$326-\$395)—Educational Records; Educational Psychology
Secretary I (\$395-\$481)—Cancer Research
Secretary II (\$481-\$585)—Linguistics
Accounts Clerk I (\$310-\$377)—Purchasing
Assistant Cashier (\$310-\$377)—Comptroller's Office
Library Assistant I (\$359-\$437)—Library
Admissions Clerk (\$326-\$395)—Registrar's Office
Student Record Processing Clerk (\$326-\$395)—Registrar's Office
Library Clerk II (\$281-\$342)—Library (four positions)

PERSONAL NOTICES

Notices must reach the Editor by 9 a.m. the Friday prior to publication. They must be typed, and not exceed 35 words including heading.

FOR RENT—Unfurnished house in University area. 3/4 bedrooms, living room, kitchen, full basement, one extra room in basement. Available February 1. \$190 per month. 433-4910, after 6 p.m.

FOR RENT—Two-bedroom house with two extra rooms and half bath in basement, garage, fenced. Three blocks to University Hospital. Refrigerator and stove optional. \$175 per month. Available March 1, 433-9116.

FOR RENT—Partially furnished, large, four-bedroom home in St. Albert. 20-minute, four-lane drive to University. Available from July 1, 1970 to August 1, 1971. Lease preferred. Minimum rent \$275 per month. 599-6225.

FOR RENT—Three-bedroom bungalow within walking distance of the University. Furnished if desired. Garage, rumpus room, two bathrooms. Available from August 1, 1970 to August 31, 1971. 439-5557.

FOR SALE—Three-bedroom bungalow in Windsor Park. 1,500 square feet. Finished basement, immaculate. May occupancy. Nearest offer to \$38,000. 433-2350.

THIS WEEK AND NEXT

30 JANUARY, FRIDAY

- University Art Gallery* Until 31 January. Exhibition of work by the New Geometric Art Group of Japan. Organized by the Western Association of Art Museums.
- SUB Art Gallery* Until 13 February. National Gallery Exhibition of traditional Canadian landscape painting.
- Dance Concert* And 31 January. 8 p.m., Students' Union Theatre. Orchesis Dance Concert.
- Pandas Basketball* 8 p.m., Main Gymnasium, versus The University of Lethbridge.

31 JANUARY, SATURDAY

- Pandas Basketball* 5:30 p.m., Main Gymnasium, versus The University of Lethbridge.
- Bears Basketball* 8 p.m., Main Gymnasium, versus the University of Manitoba.

2 FEBRUARY, MONDAY

- Bears Basketball* 8 p.m., Main Gymnasium, versus the University of Winnipeg.
- Film Society* 7:30 p.m., Room TL-11, Henry Marshall Tory Building. *Kwaidan*. Japanese horror film, 1965. Classic series.

4 FEBRUARY, WEDNESDAY

- Figure Skating* 7 p.m., Varsity Rink. Demonstration by the University Figure Skating Team.

5 FEBRUARY, THURSDAY

- Varsity Guest Weekend* And 6 and 7 February.
- Baha'i World Faith* 8:30 p.m., Meditation Room, Students' Union Building. "Unity and Progressive Revelation."
- Student Theatre* Also 6, 7, 8, 13, and 14 February. 8:30 p.m. (Sunday 8, 7:30 p.m.), Students' Union Theatre. Jubilaires production. "Mame!"

6 FEBRUARY, FRIDAY

- Lecture on the North* 8 p.m., Room 129, Education Building. R. E. ARMSTRONG, Assistant Director of Research, Scott Polar Research Institute, Cambridge, England. "The Northern Sea Route: Soviet Exploitation of the North East Passage." Sponsored by the Boreal Institute. The public is invited.
- Department of Music Concert* 8:30 p.m., Convocation Hall, Arts Building. ERNESTO LEJANO, Assistant Professor of Music. Piano recital. Admission is free.
- Bears Hockey* 8:30 p.m., Varsity Rink, versus the University of Manitoba.

7 FEBRUARY, SATURDAY

- Bears Hockey* 8:30 p.m., Varsity Rink, versus the University of Winnipeg.

8 FEBRUARY, SUNDAY

- University Art Gallery* Until 28 February. Walter Diethelm: Typefaces. Organized by the University Art Gallery and Museum.
- Department of Music Concert* 8:30 p.m., Convocation Hall, Arts Building. HELMUT BRAUSS, Associate Professor of Music, pianist. All-Beethoven program. Admission is free.

9 FEBRUARY, MONDAY

- Film Society* 8:15 p.m., Jubilee Auditorium. Bunuel's *Simon of the Desert*. Spain, 1965. Makavejev's *Case of the Missing Switchboard Operator*. Yugoslavia, 1967. Main series. English sub-titles.

11 FEBRUARY, WEDNESDAY

- Computing Science Colloquium* 4 p.m., Room 669, General Services Building. A. C. LETT, Manager of Systems Engineering, Time-sharing System Project, IBM, Yorktown Heights, New York. "Evolution of Virtual Memory."
- Computing Science Colloquium* 8 p.m., Room 669, General Services Building. A. C. LETT, Time-sharing System Project, IBM. "Time-sharing System: History and Concepts."
- Chamber Music Society* 8:30 p.m., Convocation Hall, Arts Building. The University of Alberta String Quartet. Three string quartets by Beethoven.

12 FEBRUARY, THURSDAY

- Baha'i World Faith* 8:30 p.m., Meditation Room, Students' Union Building. "Religion and Science."

13 FEBRUARY, FRIDAY

- Department of Music Concert* 8:30 p.m., Convocation Hall, Arts Building. The Symphonic Wind Ensemble, directed by JOHN ILTIS, Assistant Professor of Music. Admission is free.

16 FEBRUARY, MONDAY

- SUB Art Gallery* Until 10 March. An exhibition of industrial design and sculpture by Jeremy Moore.
- Film Society* 7:30 p.m., Room TL-11, Henry Marshall Tory Building. *The Promoter*. Directed by Ronald Neame. Britain, 1952. Classic series.
- Studio Theatre* Each evening, excluding Sunday, until February 21. 8:30 p.m., Studio Theatre, Corbett Hall. Saturday 21, matinee at 2:30 p.m. *The Caucasian Chalk Circle*, by Berthold Brecht. Directed by JOHN TERFLOTH, Associate Professor of Drama.

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by GILLIAN BUTLER, 432-4991.